

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-11. (Canceled)

12. (Currently Amended) ~~An Optical~~optical recording medium comprising:  
\_\_\_\_\_ an active layer of inorganic material able to undergo deformations due to the effect of an optical radiation, presenting a front face designed to receive an optical radiation during writing operations, and a rear face;  
\_\_\_\_\_ and a medium comprising an additional metal layer arranged on the rear face of the active layer;  
\_\_\_\_\_ wherein the inorganic material of the active layer is a tellurium and zinc alloy consisting of an atomic percentage of between 60% and 70% of zinc and between 30% and 40% of tellurium.

13. (Previously Presented) Recording medium according to claim 12, wherein the additional metal layer has a thickness comprised between 9 nanometers and 12 nanometers.

14. (Previously Presented) Recording medium according to claim 12, wherein the material of the additional metal layer is taken from the group comprising aluminium, gold, silver and copper.

15. (Canceled)

16. (Currently Amended) Recording medium according to ~~claim 15~~claim 12, wherein the alloy comprises 65% of zinc and 35% of tellurium.

17. (Currently Amended) Recording medium according ~~claim 15~~claim 12, wherein the active layer has a thickness comprised between 15 nanometers and 50 nanometers.

18. (Previously Presented) Recording medium according to claim 12, comprising a semi-reflecting layer arranged on the front face of the active layer and having a thickness comprised between 4 nanometers and 10 nanometers.

19. (Previously Presented) Recording medium according to claim 18, wherein the semi-reflecting layer is made of metal taken from the group comprising aluminium, gold, silver, copper, zinc, titanium, nickel and alloys thereof.

20. (Previously Presented) Recording medium according to claim 12, comprising a protective layer made of polymer material on the rear face.

21. (Previously Presented) Recording medium according to claim 20, wherein the protective layer is polydimethylsiloxane-based and has a thickness comprised between 10 micrometers and 100 micrometers.

22. (Previously Presented) Recording medium according to claim 20, wherein the protective layer is deformable.